

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on:

September 23, 2001, 07:40:59 ; Search time 192.58 Seconds

(without alignments) 7620.417 Million cell updates/sec

Title: US-08-978-217-15
perfect score: 7752
Sequence: 1 GGATCCCTTCAAGGCACTGA.....CAGAGGGCTCTCTGGATCC 7752

Scoring table: IDENTITY_NUC Gapop 10.0 , gapext 1.0

Searched: 324599 seqs, 9465562 residues

Total number of hits satisfying chosen parameters: 649198

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA:*

1: /cgn2_6/pctoda/2/ina/5A.COMB.seq: *
2: /cgn2_6/pctoda/2/ina/5B.COMB.seq: *
3: /cgn2_6/pctoda/2/ina/6A.COMB.seq: *
4: /cgn2_6/pctoda/2/ina/6B.COMB.seq: *
5: /cgn2_6/pctoda/2/ina/PCITS_COMB.seq: *
6: /cgn2_6/pctoda/2/ina/backfileseq: *

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

RESULT 1
US-08-746-789A-1
Sequence 1, Application US/08746789A
Patent No. 5789200
GENERAL INFORMATION:
APPLICANT: Ismail Kola, Martin J. Tymins, Christine DeBouck
TITLE OF INVENTION: A No. 5789000el Human ETS Family Member, ELF3
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation
STREET: 709 Swedenland Road, P.O. Box 1539
CITY: King of Prussia
STATE: PA
COUNTRY: USA
ZIP: 19406-0939
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: MICROSOFT WORD

ALIGNMENTS

Result No. Score Match Length DB ID Description

Result No.	Score	Match	Length	DB	ID	Description
1	215.6	2.8	1920	1	US-08-946-789A-1	Sequence 1, Appli
2	115.4	1.5	5427	3	US-08-009-913-2	Sequence 2, Appli
3	115.4	1.5	5510	3	US-09-009-913-3	Sequence 3, Appli
4	115.4	1.5	5667	3	US-09-009-913-4	Sequence 4, Appli
5	115.4	1.5	7208	3	US-09-166-186-107	Sequence 5, Appli
6	115.4	1.5	7209	4	US-09-313-933-107	Sequence 6, Appli
7	112.0	1.4	51259	3	US-08-781-891-209	Sequence 7, Appli
8	110.4	1.4	2411	3	US-09-188-930-75	Sequence 8, Appli
9	110.4	1.4	2411	3	US-09-188-930-256	Sequence 9, Appli
10	107.4	1.4	3038	3	US-09-913-338	Sequence 10, Appli
11	106.6	1.4	48974	4	US-08-920-422-17	Sequence 11, Appli
12	106.4	1.4	6727	3	US-08-629-643A-5	Sequence 12, Appli
13	106.4	1.4	6727	3	US-08-280-799-1	Sequence 13, Appli
14	106.4	1.4	6727	4	US-09-155-884-5	Sequence 14, Appli
15	104.4	1.3	48974	4	US-08-920-422-17	Sequence 15, Appli
16	104.2	1.3	3364	2	US-08-735-609-9	Sequence 16, Appli
17	104.2	1.3	3364	3	US-09-315-377-9	Sequence 17, Appli
18	104.2	1.3	3364	3	US-09-244-752-9	Sequence 18, Appli
19	104.2	1.3	3364	3	US-09-245-497-9	Sequence 19, Appli
20	104.2	1.3	3364	3	US-09-245-497-9	Sequence 20, Appli
21	103.4	1.3	3293	1	US-07-923-916-1	Sequence 21, Appli
22	102.8	1.3	4698	1	US-07-807-043B-5	Sequence 22, Appli
23	102.8	1.3	4698	1	US-08-239-49B-5	Sequence 23, Appli
24	102.8	1.3	4698	2	US-08-142-368A-5	Sequence 24, Appli
25	102.8	1.3	4698	3	US-08-937-727-5	Sequence 25, Appli
26	102.8	1.3	4698	4	US-08-037-230D-5	Sequence 26, Appli
27	101.3	1.3	3481	4	US-08-965-729A-1	Sequence 27, Appli

Query Match 2.8%; Score 215.6; DB 1; Length 1920;
Best Local Similarity 65.6%; Pred. No. 1.2e-49;
Matches 449; Conservative 0; Mismatches 204; Indels 31; Gaps 8;
Sequence 1, Appli

QY 6999 AGTATRACTACAAACGGAGATCCGGACCGGTGATGCCGACGGCTGCTCAAG 7058

Db	1114	AGGTACTACTACAAAGGGAGATCTCTGAGACCGGGTGGATGGCCGGGACTCTGCTCTAACAG	1173
QY	7059	TTGGCAGAACTCTACTGCTGGAAGGAGAGAGAGGTTGGAGAGGAGTGGAAATTAGGA	7118
Db	1174	TTTGCACAAACTCTACAGCGGCGAGAAGGAGAAGGAGTTCTCCAGAGCTGGAACTGGAGG	1233
QY	7119	TGGGGCTGACCAGGACCTGACTCAGGCATGACTCAGAAGCTGAACTGAGACCTCTGGAA	7178
Db	1234	TTGGAACATTAATCCGGGACCAACTCAGGACCACTCTGGGCCGCAAACTCTCTGGGA	1293
QY	7179	GGACAGCAGGCCCTGAGGCCCTTAACTATGGATGTTCTCCCTGTGTTCTGTAGAG	7238
Db	1294	GGACAGCAGGCCAGATGG - -CCCTCAGCTGGGAATGCTCCCGAGCTGTGTGAGAG	1352
QY	7239	GAAGAACCTGTTGGCTGGCCCTCTGC - -AGTCTCTCAAGTCCAGCTGGCTTGGACTCGGAGACATGGCTCGC	7293
Db	1353	AAGCTGTGTTGGTATTCAGGCCATCGCTGGGACTCGGAGACATGGCTCGC	1412

FILING DATE: INFORMATION:
ATTORNEY/GENT: NAME: Sherwood, Pamela J
REGISTRATION NUMBER: 36 677
REFERENCE/DOCKET NUMBER: SEQ-4P
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-327-3231
TELEFAX: 650-327-3231
TELEX:
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 5427 base Pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-09-009-913-2

RESULT : US-09-009-913-2
Sequence 2, Application US/09009913
; Patent No. 6087485
; GENERAL INFORMATION:
; APPLICANT: AXYZ Pharmaceuticals, Inc.
; TITLE OF INVENTION: Asthma Related
; NUMBER OF SEQUENCES: 339
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bozicovic & Reed, LLP
; STREET: 285 Hamilton Ave, Suite 100
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTEQ for Windows Version 1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/009, 91
FILING DATE: 21-JAN-1998
CLASSIFICATION:
PRIORITY APPLICATION DATA:
APPLICATION NUMBER:

©

GENERAL INFORMATION:
 APPLICANT: AXYZ pharmaceuticals
 TITLE OF INVENTION: Asthma
 NUMBER OF SEQUENCES: 339
CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicicvic & Associates
 STREET: 285 Hamilton Ave
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301
COMPUTER READABLE FORM:
 COMPUTER TYPE: Diskette
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Win
CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/1000000
 FILING DATE: 21-JAN-1995
 CLASSIFICATION:
PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela
 REGISTRATION NUMBER: 36
 REFERENCE/DOCKET NUMBER:
 TELECOMMUNICATION NUMBER:
 TELEPHONE: 650-337-3212

Reed, LLP
Re, Suite 200
ticals, Inc.
Related Genes
Windows Version
09/009, 913
8
J
, 677
SDQ-4P
ION:

TELEFAX: 650-327-3231
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5510 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 US-09-009-913-3

Query Match 1.5%; Score 115.4; DB 3; Length 5510;
 Best Local Similarity 74.1%; Pred. No. 1.6e-21; Mismatches 51; Indels 0; Gaps 0;
 Matches 146; Conservative 0; MisMatches 0; Gaps 0;

QY 6258 CCCAGAGGTACTCACCTGGGAGGTTATCCGAGACATCTAACTCACCACGGAGCTCAA 6317
 Db 841 CCCGAGGGACTACTATGGAAATCAGCCGACATCCTCTGAAACCCAGACAGAA 900

QY 6318 CGAACGGCTCATGAATGGGAGAACCGGCAGGAGGTGTCTCAAGTTTCGCTCAGA 6377
 Db 901 CCCAGGATTATAAAATGGAAAGACCGATCTGAGGGCTCTCAGGTTCTGAATCAGA 960

QY 6378 GCGCTGGCCAACTCTGGGCCAGAGAGAGAGACAGACAGACATGACCTATGAGAGCT 6437
 Db 961 GGCAGTGCGCAGCAGCTGGGTTAAAGAGAACACAGCAGCATGACCTATGAAAAGCT 1020

QY 6438 GAGCGAGGCCATGAGGT 6454
 Db 1021 CAGCCGAGCTATGAGAT 1037

RESULT 4
 US-09-009-913-4
 Sequence 4, Application US/99009913
 Patent No. 6087485
 GENERAL INFORMATION:
 APPLICANT: Axis Pharmaceuticals, Inc.
 TITLE OF INVENTION: Asthma Related Genes
 NUMBER OF SEQUENCES: 339
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Bozicevic & Reed, LLP
 STREET: 285 Hamilton Ave, Suite 200
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94301

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: RASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US-09/009,913
 FILING DATE: 21-JAN-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Sherwood, Pamela J
 REGISTRATION NUMBER: 36,677
 REFERENCE/DOCKET NUMBER: SEQ-4P
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-327-3231
 TELEFAX: 650-327-3231
 TELEX:
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5667 base Pairs
 TYPE: nucleic acid
 STRANDEDNESS: double

RESULT 5
 US-09-166-186-107/C
 Sequence 107, Application US/09166186A
 Patent No. 6080580
 GENERAL INFORMATION:
 APPLICANT: Baker, Brenda
 APPLICANT: Bennett, C. Frank
 APPLICANT: Butler, Madeline M.
 APPLICANT: Shanahan, William R.
 TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF- α EXPRESSION
 FILE REFERENCE: ISPH-0322
 CURRENT APPLICATION NUMBER: US-09/166,186A
 NUMBER OF SEQ ID NOS: 250
 SEQ ID NO: 107
 LENGTH: 7208
 TYPE: DNA
 ORGANISM: Mus musculus
 FEATURE:
 NAME/KEY: CDS
 LOCATION: (4527..4712,5225..5279,5457..5504,5799..6217)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (4371..4712)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (4713)..(5224)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (5225)..(5279)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (5280)..(5456)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (5457)..(5504)
 FEATURE:
 NAME/KEY: intron
 LOCATION: (5505)..(5798)
 FEATURE:
 NAME/KEY: exon
 LOCATION: (5799)..(>6972)
 PUBLICATION INFORMATION:
 AUTHORS: Seimon, D.
 AUTHORS: Kawashima, E.
 AUTHORS: Jongeneel, C. V.
 AUTHORS: Shaknov, A.N.
 MOLECULE TYPE: cDNA
 TOPOLOGY: linear
 US-09-009-913-4

PUBLICATION INFORMATION:
 AUTHORS: Seimon, D.
 AUTHORS: Kavashima, E.
 AUTHORS: Jongeneel, C. V.
 AUTHORS: Shakhov, A. N.
 AUTHORS: Nedospasov, S. A.
 TITLE: Nucleotide sequence of the murine TNF locus, including the TNF-alpha (tumor necrosis factor) and TNF-beta (lymphotoxin)
 JOURNAL: Nucleic Acids Res.
 VOLUME: 15
 ISSUE: 21
 PAGES: 9083-9084
 DATE: 1987-11-11
 DATABASE ACCESSION NUMBER: Y00467 Genbank
 DATABASE ENTRY DATE: 1993-05-11
 US-09-313-932-107

RESULT 7

US-08-781-891-209

Sequence 209, Application US/08781891

Patent No. 6030620

GENERAL INFORMATION:

APPLICANT: Fu, Ying-Hui

APPLICANT: Yu, Chang-En

APPLICANT: Oshima, Junko

APPLICANT: Mulligan, John T.

APPLICANT: Scheellenberg, Gerald D.

TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO TITLE OF INVENTION: WERNER'S SYNDROME

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSEE: SERD and BERRY LLP

STREET: 6300 N Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/781,891

FILING DATE: 27-DEC-1996

CLASSIFICATION: 800

ATTORNEY/AGENT INFORMATION:

NAME: No. 6030620 tenburg Ph.D., Carol

REGISTRATION NUMBER: 39,317

REFERENCE/DOCKET NUMBER: 240052.419

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-8900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 209

SEQUENCE CHARACTERISTICS:
 LENGTH: 51259 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

Query Match 1.4%; Score 112; DB 3; Length 51259;
 Best Local Similarity 71.2%; Pred. No. 5.8e-20;
 Matches 148; Conservative 0; Mismatches 60; Indels 0; Gaps 0;
 ; US-08-781-891-209

Qy 1854 TTTAGTTTCAGACAGAGTTCTCGTGTAGCCCGGGCTCTCGAAGCTCAGCTGT 1913
 Db 39674 TTTAGTTTCAGACAGAGTTCTCGTGTAGCCCGGGCTCTCGAAGCTCAGCTGT 39733

Qy 1914 AGACAGGCTGCCAACCTGAGAACTCTACCTCTACCTCTAGGAGCTGGGATT 1973
 Db 39734 AGACAGGCTGCCAACCTGAGAACTCTACCTCTACCTCTAGGAGCTGGGATT 39733

Qy 1974 AAAGATGTCGCGTGCCTCCACCCCAATTGTTGTTGTTAAGGGCCCGTAA 2033
 Db 39794 AAAGGCTGTGCCAACCTGCCCGCTAGATGGTACTTTTTTAAGTTAATAA 39853

Qy 2034 ACAGTTAAATTACATGTCATCCTGTT 2061
 Db 39854 AAGTGTTTAAAGAATGTTGCTGTAT 39881

RESULT 8
 US-09-188-930-75/c
 Sequence 75, Application US/09188930A
 ; Patent No. 6150502

GENERAL INFORMATION:
 ; APPLICANT: Watson, James D.
 ; APPLICANT: Strachan, Lorna
 ; APPLICANT: Sleeman, Matthew
 ; APPLICANT: Onrust, Rene
 ; APPLICANT: Murison, James Greg
 ; TITLE OF INVENTION: Compositions Isolated From Skin Cells
 ; FILE REFERENCE: 11000.101cl
 ; CURRENT FILING DATE: 1998-11-09
 ; NUMBER OF SEQ ID NOS: 348
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 256
 ; LENGTH: 2411
 ; TYPE: DNA
 ; ORGANISM: Mouse
 ; US-09-188-930-256

Query Match 1.4%; Score 110.4; DB 3; Length 2411;
 Best Local Similarity 75.0%; Pred. No. 2.2e-20;
 Matches 138; Conservative 0; Mismatches 46; Indels 0; Gaps 0;
 ; US-09-188-930-75

Qy 1840 TTTGTTCTGTTGACTTTTGTGTTCAAGACAGAGTTCTCTGTTAGCCCTTGCT 1899
 Db 2356 TATTTCATTAGTTGTTGTTGAGACAGGATTCCTGTGTTGCTGGCTGCT 2297

Qy 1900 GGAACTCACTCTGAGACAAAGCTGGCTGCAACTCAGAAATCCTCTACATCA 1959
 Db 2296 GGAACTCACTCTGAGACAGGCTGGCTGCAACTCAGAAATCCTCTGCTGCC 2237

Qy 1960 GGAGTCGCGGATTAAGATGTCGCGCCCTCCTCACCCCAATTGTTGTTT 2019
 Db 2236 CGGGTGTGGATTAAGGTGTTACCATCTAGGCCAGGAGAACCTCATGTTAAAT 2177

Qy 2020 AAGG 2023
 Db 2176 ATGG 2173

RESULT 10
 US-09-009-913-338
 Sequence 338, Application US/09009913
 ; Patent No. 6087485

GENERAL INFORMATION:
 ; APPLICANT: AXXS Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Asthma Related Genes
 ; NUMBER OF SEQUENCES: 339

CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Bozicevic & Reed, LLP
 ; STREET: 285 Hamilton Ave, Suite 200
 ; CITY: Palo Alto
 ; STATE: CA
 ; COUNTRY: USA
 ; ZIP: 94301

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: DOS
 ; SOFTWARE: FastSEQ for Windows Version 2.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/009, 913
 ; FILING DATE: 21-JAN-1998
 ; CLASSIFICATION:
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:

RESULT 13
US-09-280-799-1/c
; Sequence 1, Application US/09280799
; Patent No. 6136603
; GENERAL INFORMATION:
; APPLICANT: DEAN, NICHOLAS M.
; APPLICANT: KARRAS, JAMES G.
; APPLICANT: MCKAY, ROBERT
; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN-5 SIGNAL
; FILE REFERENCE: ISPH-0340
; CURRENT APPLICATION NUMBER: US/09/280,799
; CURRENT FILING DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 208
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 6727
; TYPE: DNA
; ORGANISM: Mus musculus

Query Match 1.4%; Score 106.4; DB 3; Length 6727;
Best Local Similarity 66.7%; Pred. No. 5.5e-19;
Matches 152; Conservative 0; Mismatches 76; Indels 0; Gaps 0;
Qy 1838 GATTTGTCGTCGAGTTAGTTTCAGACAGAGTTCTACTGTTAGCCCTGCTGTC 1897
Db 5511 GTTGTGTTGTTGTTGTTGTTGTTGACAGAGTTCTCTGTTAGCCCTGCTGTC 5452
Qy 1898 CTGGAACCTCACTCTGAGACAGGGCTGGCCCTGCACTCAGAAATCCCTCTACCTCTACTT 1957
Db 5451 CTGGAACCTCACTCTGAGACAGGGCTGGCCCTGCACTCAGAAATCCCTCTACCTCTACTT 5392
Qy 1958 CAGGAGCTGCTGGATTAAGAGTGTGCTGCTCCACCCAAATTGGTTTTGTT 2017
Db 5391 CCCAAGTGCTGGATTAAGGGTGTCTCACCGACGGCTGGCTTCACTCTGCTTGTAG 5332
Qy 2018 TTAAGGCCCGGTTAACAGTAATTAACATGTGCATCCCTGCT 2065
Db 5331 AGAAGATCTCTCACTGGTCCAGACTCACCATTCAATTAGTTGGCT 5284

RESULT 14
US-09-155-884-5/c
; Sequence 5, Application US/09155884
; Patent No. 6215040
; GENERAL INFORMATION:
; APPLICANT: JAMES J. LEE ET AL.
; TITLE OF INVENTION: IL-5 TRANSGENIC MOUSE
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SCHWEMMER, LUNDBERG, WOESNER & KLUTH, P. A.
; STREET: P. O. BOX 2938
; CITY: MINNEAPOLIS
; STATE: MN
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS

Query Match 1.4%; Score 106.4; DB 4; Length 6727;
Best Local Similarity 66.7%; Pred. No. 5.5e-19;
Matches 152; Conservative 0; Mismatches 76; Indels 0; Gaps 0;
Qy 1838 GATTTGTCGTCGAGTTAGTTTCAGACAGAGTTCTACTGTTAGCCCTGCTGTC 1897
Db 5511 GTTGTGTTGTTGTTGTTGTTGTTGACAGAGTTCTCTGTTAGCCCTGCTGTC 5452
Qy 1898 CTGGAACCTCACTCTGAGACAGGGCTGGCCCTGCACTCAGAAATCCCTCTACCTCTACTT 1957
Db 5451 CTGGAACCTCACTCTGAGACAGGGCTGGCCCTGCACTCAGAAATCCCTCTACCTCTACTT 5392
Qy 1958 CAGGAGCTGCTGGATTAAGAGTGTGCTGCTCCACCCAAATTGGTTTTGTT 2017
Db 5391 CCCAAGTGCTGGATTAAGGGTGTCTCACCGACGGCTGGCTTCACTCTGCTTGTAG 5332
Qy 2018 TTAAGGCCCGGTTAACAGTAATTAACATGTGCATCCCTGCT 2065
Db 5331 AGAAGATCTCTCACTGGTCCAGACTCACCATTCAATTAGTTGGCT 5284

RESULT 15
US-08-020-422-17/c
; Sequence 17, Application US/08920422A
; Patent No. 6255473
; GENERAL INFORMATION:
; APPLICANT: VITEK, MICHAEL P.
; APPLICANT: MITSUDA, NO. 6255473IAKI
; APPLICANT: ROSES, ALLEN D.
; TITLE OF INVENTION: PREENILIN-1 GENE PROMOTER
; FILE REFERENCE: VITEKPRESENTILIN
; CURRENT APPLICATION NUMBER: US/08/920,422A
; CURRENT FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 48974
; TYPE: DNA
; ORGANISM: Mus musculus

US-08-920-422-17

Query Match 1.3%; Score 104.4; DB 4; Length 48974;
 Best Local Similarity 71.1%; Pred. No. 7.2e-18;
 Matches 138; Conservative 0; Mismatches 56; Indels 0;
 Gaps 0;

Qy 1840 TTTGTTCTGAGTTAGTTAGTTAGTTAGCTGAGACAGAGTTCTCTGTGAGCCCTGGCTGCT 1899
 Db 20597 TTTTGTGTTTTTTTGGTTCTAAGTTAGGTTCTTGTTGATACTGGCGTCCT 20538

Qy 1900 GGAACTCAGCTGTAGACAAGGCTGGCTGAACTCAGAAATCCCTCTACCTCTACTTCA 1959
 Db 20537 GGAACATCTGTAGACCAAGACTGGCTGACTCAGAAATCCACCTGGCTCTGCCTC 20478

Qy 1960 GGACTGCTGGATTAAGCTGCCTGCCACCCAAATTGTTTGTGTTT 2019
 Db 20477 CAAGTGTGGATTAAGGAATGTCGCCACCGCTGGCAATACTGTTATGCTTC 20418

Qy 2020 AAGGCCCCGGTAA 2033
 Db 20417 GCAATCAACTGTAA 20404

Search completed: September 23, 2001, 07:49:15
 Job time: 16815 sec